

Title (en)

Panel for free access to signal cable and power cable.

Title (de)

Paneel für freien Zugang zu Signalkabel und Energiekabel.

Title (fr)

Panneau pour accès libre au câble de signalisation et câble d'énergie.

Publication

EP 0125914 A2 19841121 (EN)

Application

EP 84303234 A 19840511

Priority

- JP 8361983 A 19830513
- JP 15049783 A 19830818

Abstract (en)

A panel for free access to a signal cable (66, 68) and a power cable (70) is installed on the floor (4) of an office room and forms a network of signal cables in an office. The posts (40) of this panel are mounted on the floor (4). A floor plate (12) is secured to the upper ends of the posts (40). A rack plate (32) is arranged between the floor plate (12) and the floor (4), and the rack plate (32) is secured to the posts. The height of the floor plate and the rack plate is adjusted by adjusting the engaging position by rotating a leg (52) to be engaged with the threaded holes (48) of the posts (40). The floor plates are composed of a plate made of glass, reinforced cement (82) mixed with foamable styrol or an aluminium honeycomb structure (22). The rack plate (32) is composed of a transparent polypropylene plate. Further, the surface of the floor plate (12) is covered with a surface material (14) such as a carpet. The signal cables are arranged in the space between the floor plates (12, 80) and the rack plates (32). The power cables are arranged in the space between the rack plates (32) and the floor (4). Electronic components (64) are mounted on the rack plates (32). Therefore, the power cables (70), the signal cables (66, 68) and the other electronic components (64) are completely isolated from each other, and the modification of the layout of office automation equipment can be readily carried out by an authorized person.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

FR2705113A1; EP0155759A3; EP0488312A1; US5386670A; EP0452600A3; EP0171971A3; GB2168205A; EP0142997A3; EP0142998A3; CN103389166A; GB2223776A; GB2223776B; US5019672A; WO8805615A1; WO9102867A1

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